



## Aastra SIP-DECT™

[www.aastratelecom.com](http://www.aastratelecom.com)

### Powerful Features and Performance in a SIP based DECT Enterprise Mobility Solution

The Aastra SIP-DECT solution is designed around one concept: providing perfect voice quality and reception for enterprise customers requiring wireless phones. Employing DECT technology, Aastra's SIP-DECT solution offers superior levels of interference-free performance, security and reliability in a cordless SIP telephone system.

Consisting of handsets, indoor and outdoor access points and OpenMobility Manager (OMM) software, the system is ideal for single or multi-location business, retail or institutional settings that require mobile employees to be available to make or receive calls at any time. The handset will work in any related branch office served by the same Corporate network.



*Your Connection to the World*

**AASTRA**

## Superior Voice Quality

DECT technology, used extensively in Europe for over 10 years, incorporated superior voice transmission performance right from the initial design stage. Operating in the dedicated 1.9 GHz Unlicensed Personal Communications Spectrum, DECT is subject to far less interference from other electrical and wireless devices. It's Dynamic Channel Selection feature constantly scans and detects interference and automatically redirects transmission to one of 60 channels available in the spectrum. The result is wireline quality voice communication every time.

**“Aastra has enjoyed a leadership position in DECT wireless communications in Europe for some time now. Our customers are extremely excited about this innovative adaptation of the DECT technology and appreciate the value of the solution over other wireless alternatives.”**

Simon Beebe,  
Vice President Product Management  
Aastra Telecom

## Seamless Mobility

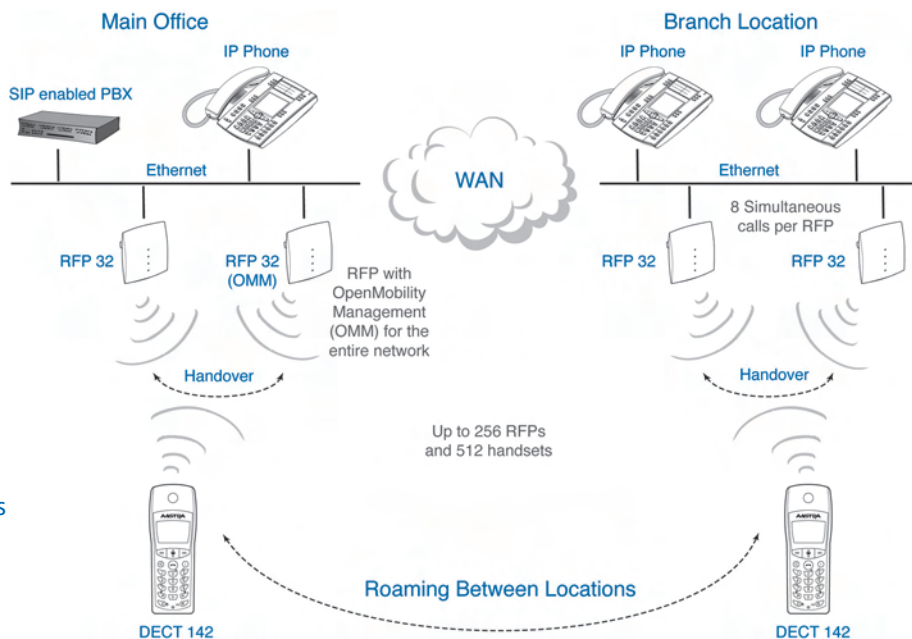
Access points enable “roaming” within the enterprise environment as calls are handed off from one access point to another seamlessly. Dropped calls are virtually eliminated and range is extended based on the number and placement of the access points. With exterior access points available, handsets can even function outside of enterprise structures.

## Secure Transmission

Unlike other technologies, DECT offers high security transmission of wireless voice signals. Two separate processes of authentication and encryption are employed to ensure the security of transmission and to deter any possible compromise of the signal. Operating in the dedicated 1.9GHz spectrum increases the overall security provided by DECT.

## Scalability and Flexibility

The Aastra SIP-DECT system can grow as your business expands. By simply adding additional handsets and access points, the system can support up to 512 handsets using up to 256 access points. Branch offices operating on the same Corporate network can support the handsets and access points as no additional costly servers, computers or licenses are required to support the product.



Typical installation for main/branch office requirement. Outdoor RFP 34 access points may also be employed to provide exterior coverage.

**“We were very pleased with how smooth the installation went. System configuration via the web based interface was very easy, and we were up and running in no time at all.”**

Bill Harris,  
Director of Technology  
Celina Independent School District

## Simplified Deployment

Due to the SIP technology built into the access points, the system can easily be deployed in most open-standard IP environments including: Hosted or Premised based using a SIP based IP-PBX, Hybrid PBX or Open Source PBX. The solution requires limited engineering planning and is managed by OpenMobility Manager (OMM) software which is provisioned on the SIP based infrastructure as simple SIP Extensions. The OMM is installed on one access point per system.

## Feature Rich Handsets

The SIP DECT 142 handset is a powerful tool for business communication on the go. Featuring a 5 line illuminated display with two softkeys for feature access, illuminated keypad, a variety of informational status displays, SOS key for an emergency speed dial number, caller/directory and redial lists, the handset also offers hands free operation, built in speaker and headset jack.

## Industry Applications

- » Single site (Central PBX/Hosted) – any business with large square footage, warehouse, stockrooms and with mobile employees scattered across the site i.e. retail outlets, supermarkets, auto dealerships, call centers, golf courses
- » Multi-site (Central PBX/Hosted) – schools campus, hospitals, multi-location retailers, branch office government, financial, enterprise environments
- » Multi-network (Multiple PBX/Hosted) – Large enterprises, franchises and multi-site organizations spread across the country employing a single corporate network

## User Profiles

- » IT, maintenance and security staff supporting single location, or campus environments who are always on the move
- » Retail professionals
- » Warehouse and administrative workers
- » Hospital professionals
- » Hospitality and event coordinators

## Key Advantages

- » Seamless service offers superior reception in most environments compared to traditional cell phones
- » Lower total cost of ownership compared to competing technologies. No additional servers required, no license fees. Leverages existing IT architecture.
- » Simpler to deploy, requiring less planning
- » Increased flexibility and scalability versus other mobility solutions
- » Superior compatibility with a wide variety of open-standard IP environments
- » DECT's interference-free spectrum offers a clear voice signal in environments populated by a wide range of other wireless devices
- » Longer handset battery life



RFP 32

Let our experience with DECT Technology help you deliver a superior mobility solution for almost any environment



**“As the migration to VoIP continues to gain momentum, the need for quality mobility solutions that are complementary and flexible will accelerate. We have positioned ourselves to become a single source provider for our customers with both desktop and wireless SIP telephony solutions making deployment and ongoing management of the endpoint even more cost-effective and efficient.”**

Yves Laliberte,  
Executive Vice President  
Aastra Telecom

### Feature Highlights\*

- » Handsfree operation
- » 5 line illuminated display
- » Illuminated keypad
- » Call Forward – always, busy, no answer
- » Call Transfer - blind, consultation
- » Call Hold with visual indication, reminder tones
- » Call Logs – dialed, missed, received
- » Personal Directory – 100 entries on transferable memory card
- » SOS Emergency speed dial key
- » Redial list
- » Message Waiting indication
- » Caller ID with Name
- » Status Indicators – Ringer on/off, signal strength, on/off hook, alarm, battery life, envelope, key lock
- » 30 Ring Tones
- » Vibration alarm
- » Key lock
- » Multiple language support
- » Country specific tones

\* Feature availability dependant on IP telephony systems

For further information on the Aastra SIP-DECT solution, contact your Aastra sales representative or visit us at [www.aastratelecom.com](http://www.aastratelecom.com)

Rev. 11/07

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